

# **Micropile Overview and Applications**

## **Abstract:**

This presentation will provide an introduction to micropiles and a brief history of the development of the technology. An overview of current design guidance as well as installation methods in various geologies and terrain will be provided. Cases studies illustrating the use of micropiles for underpinning, karst foundations, temporary shoring and landslide repair applications will be provided.

## **Paper Outline:**

1. Introduction
2. History of Micropiles
3. Overview of Micropiles
  - a. Definition
  - b. Design Guidance
  - c. Installation Methods
    - i. Cased Micropiles
    - ii. Self-Drilling Micropiles
4. Micropile Applications
  - a. Underpinning
  - b. Karst Foundations
  - c. Temporary Shoring
  - d. Landslide Repair
5. Conclusion

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